


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for 60-day Extension of Special Temporary Authority to Use Hagerstown, Maryland Earth Station E110120 to Communicate with Telstar 14R

**1. Applicant**

<b>Name:</b>	Intelsat License LLC	<b>Phone Number:</b>	703-559-7848
<b>DBA Name:</b>		<b>Fax Number:</b>	703-559-8539
<b>Street:</b>	c/o Intelsat US LLC 7900 Tysons One Place	<b>E-Mail:</b>	susan.crandall@intelsat.com
<b>City:</b>	McLean	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22102 -5972
<b>Attention:</b>	Susan H. Crandall		



**GRANTED**  
International Bureau

File # SES-STA-20191009-01326  
 Call Sign E110120 Grant Date 11-7-19  
 (or other identifier)  
 Term Dates  
 From: 11-7-19 To: 1-6-20  
 Approved: [Signature]

<b>2. Contact</b>	
<b>Name:</b> Cynthia J. Grady	<b>Phone Number:</b> 703-599-6949
<b>Company:</b> Intelsat US LLC	<b>Fax Number:</b> 703-559-8539
<b>Street:</b> 7900 Tysons One Place	<b>E-Mail:</b> cynthia.grady@intelsat.com
<b>City:</b> McLean	<b>State:</b> VA
<b>Country:</b> USA	<b>Zipcode:</b> 22102 -5972
<b>Attention:</b>	<b>Relationship:</b> Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)	
3. Reference File Number or Submission ID	
4a. Is a fee submitted with this application? <input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114). <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee <input type="radio"/> Other (please explain):	
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. City Hagerstown	
8. Latitude (dd mm ss.s h) 39 35 59.0 N	

9. State MD	10. Longitude (dd mm ss.s h) 77 45 29.0 W
11. Please supply any need attachments. Attachment 1: STA Request Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) Intelsat License LLC herein requests an additional 60 days of Special Temporary Authority previously granted to Intelsat to use its Hagerstown, Maryland Ku-band earth station (Call Sign E110120) to continue to provide communications operations in the 13750-14000 MHz frequency band with Telstar 14R, which is also known as Estrela do Sul 2.	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Cynthia J. Grady	15. Title of Person Signing Senior Counsel, Intelsat US LLC
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

Applicant: Intelsat License LLC  
Call Sign: E110120  
File No.: SES-STA-20191009-01326  
Special Temporary Authority ("STA")

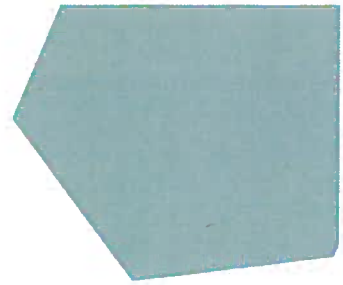


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Approved: [Signature]

Intelsat License LLC is granted extension of STA for 60 days to continue to operate at geographic coordinates 39° 35'59.0" N/ 077° 45' 29.0" W in Hagerstown, Maryland to provide customer restoration services for customers affected by the Intelsat 29e satellite anomaly operation. STA operations will be performed in 13750-14000 MHz (Earth-to-space) frequency band with Brazil-licensed Estrela Do Sul 2 (Call Sign S2821) satellite at orbital location 63°W. Operations will be under the following conditions:

1. Operations will be using emission designator 36M0G7W, 4.8-m GDSatcom antenna with transmit gain of 55.2 dBi, maximum clear sky eirp 80.7 dBW.
2. All operations shall be on an unprotected and non-harmful interference basis, Intelsat License LLC, E110120, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and must inform the Commission, in writing, immediately of such an event.
3. Operations in the 13750-14000 MHz shall comply with 47 CFR §2.106, International Footnote US 356. In the band 13.75-14 GHz, an earth station in the fixed-satellite service shall have a minimum antenna diameter of 4.5 m and the e.i.r.p. of any emission should be at least 68 dBW and should not exceed 85 dBW. Receiving space stations in the fixed-satellite service shall not claim protection from radiolocation transmitting stations operating in accordance with the United States Table of Frequency Allocations. ITU Radio Regulation No. 5.43A does not apply".
4. Grant of this STA is without prejudice to any determination that the Commission may make regarding Intelsat License LLC's pending application IBFS File number SES-MFS-20190729-00994 or future applications.
5. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Intelsat License LLC's risk.
6. Operations of this station during the period from expiration of October 14, 2019, IBFS file number SES-STA-20190729-01011, to the grant of this special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective upon release.



October 9, 2019

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

Re: Request for Extension of Special Temporary Authority  
Hagerstown, Maryland Earth Station; Call Sign E110120

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)<sup>1</sup> previously granted to Intelsat<sup>2</sup> to use its Hagerstown, Maryland Ku-band earth station (Call Sign E110120) to continue to provide communications operations in the 13750-14000 MHz frequency band with Telstar 14R (Call Sign S2821), which is also known as Estrela do Sul 2.<sup>3</sup> Intelsat has filed a modification application to support these communications operations.<sup>4</sup>

In support of this request, Intelsat herewith incorporates by reference the technical information included in its modification application,<sup>5</sup> which contains technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility. In the extremely unlikely

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Satellite Communications Services Information, Actions Taken*, Report No. SES-02193, File No. SES-STA-20190729-01011 (Aug. 21, 2019) (Public Notice).

<sup>3</sup> Telstar 14R is authorized to communicate with U.S. earth stations as Estrela do Sul 2. See <https://www.fcc.gov/approved-space-station-list>.

<sup>4</sup> See *Satellite Communications Services, Satellite Radio Applications Accepted for Filing*, Report No. SES-02192, File No. SES-MFS-20190729-00994 (Aug. 21, 2019) (Public Notice).

<sup>5</sup> *Id.*



Ms. Marlene H. Dortch  
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event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

The 24x7 contact information for the Telstar 14R operations is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)  
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

For the reasons set forth herein, Intelsat respectfully requests that the Federal Communications Commission grant this STA extension request. Please direct any questions regarding this request to the undersigned at (703) 559-6949.

Respectfully submitted,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Senior Counsel  
Intelsat US LLC

cc: Paul Blais